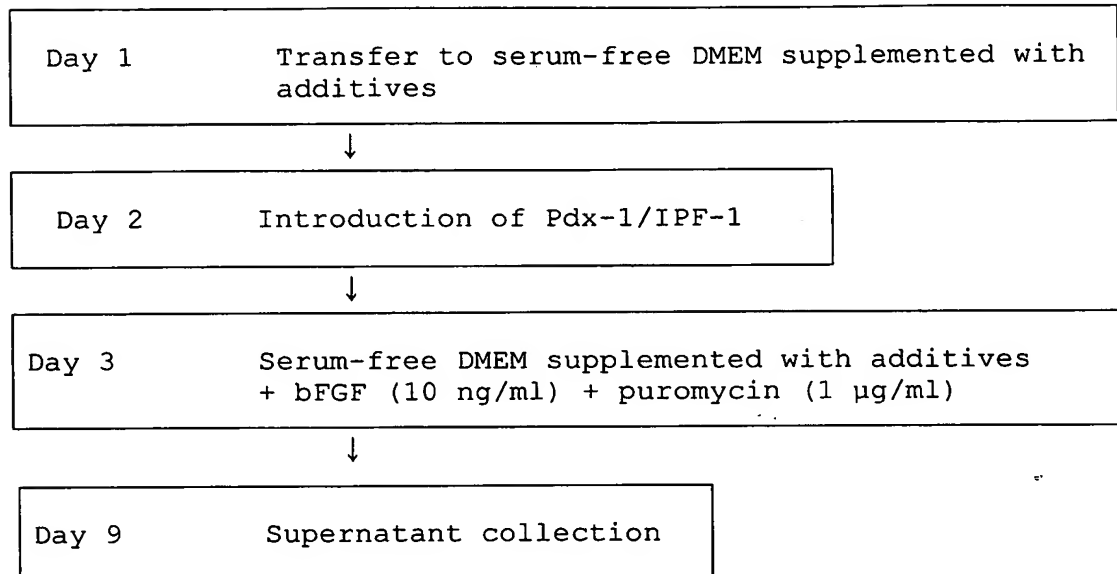


**Fig. 1 A****Fig. 1 B**

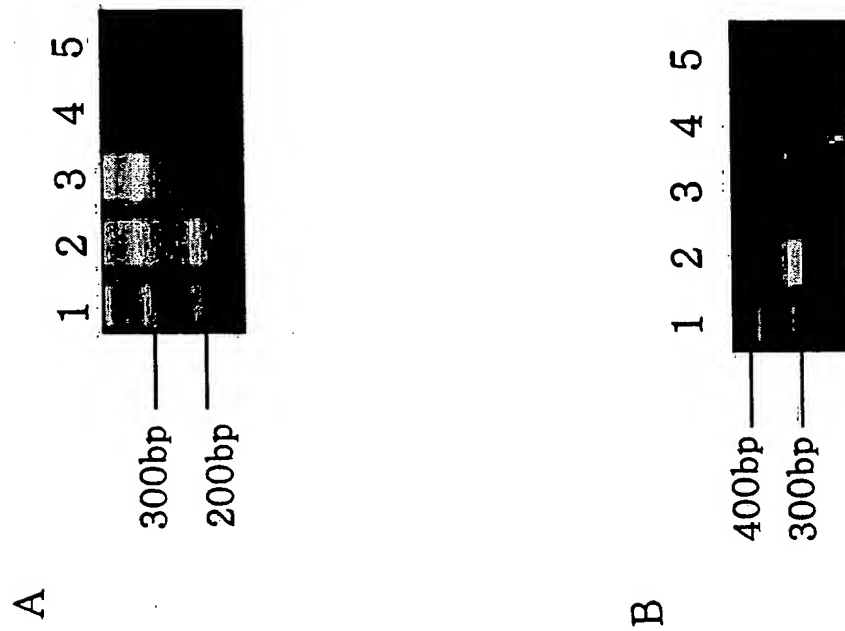
1. Wash with three portions of PBS.
2. Cultivate in the culture medium specified below at 33°C for 1 hour using an incubator with a CO<sub>2</sub> concentration of 5%.
3. Collect 1 ml of the supernatant.

Culture medium used for supernatant collection

Additive-free DMEM (containing 25.0 mM glucose)  
Krebs' Ringer solution (containing 2.5 mM glucose)  
Hank's solution (containing 5.5 mM or 55.5 mM glucose)

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FROM MESENCHYMAL CELL  
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Fig. 2



## Fig. 3 A

### Mouse preproinsulin gene I

>gi|52712|emb|X04725.1|MMINSIG Mouse preproinsulin gene I

Length = 1384

Score = 240 bits (121), Expect = 4e-61

Identities = 121/121 (100%)

Strand = Plus / Plus

Query: 17 cccctgctggccctgcttgccctctgggagcccaaaccaccaggcttttgtcaaacag 76

|||||

Sbjct: 853 cccctgctggccctgcttgccctctgggagcccaaaccaccaggcttttgtcaaacag 912

Query: 77 catctttgtggtccccacctggtagaggctctctacctgggtgtgtggggagcggtggcttc 136

|||||

Sbjct: 913 catctttgtggtccccacctggtagaggctctctacctgggtgtgtggggagcggtggcttc 972

Query: 137 t 137

|

Sbjct: 973 t 973

## Fig. 3 B

## Mouse preproinsulin gene II

>gi|52714|emb|X04724.1|MMINSIIG Mouse preproinsulin gene II

Length = 2408

Score = 240 bits (121), Expect = 3e-61

Identities = 121/121 (100%)

Strand = Plus / Minus

Query: 1 acttcacggcgggacatgggtgtgtagaagaagccacgctccccacacaccaggtagaga 60  
|||||

Sbjct: 1305 acttcacggcgggacatgggtgtgtagaagaagccacgctccccacacaccaggtagaga 1246

Query: 61 gcctccaccaggtgggaaccacaaaggtgcttgcttgacaaaagcctgggtgggggtgggac 120  
|||||

Sbjct: 1245 gcctccaccaggtgggaaccacaaaggtgcttgcttgacaaaagcctgggtgggggtgggac 1186

Query: 121 t 121

|

Sbjct: 1185 t 1185